



HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

1636

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT AND  
CORRESPONDENCE ADDRESS**

Application Number	10/058,820
Filing Date	January 28, 2002
First Named Inventor	Jonathan S. Bogan
Group Art Unit	1636
Examiner Name	Not Assigned
Attorney Docket Number	0399.2025-002

RECEIVED

SEP 04 2002

TECH CENTER 1600/2900

I/We hereby appoint

☒ the attorneys/agents associated with Customer No. 021005

☐ Practitioner(s) named below:

as my/our attorneys/agents to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

The correspondence address for the above-identified application is:

☒ Customer Number 021005

Hamilton, Brook, Smith & Reynolds, P.C.

530 Virginia Road

P.O. Box 9133

Concord, Massachusetts 01742-9133

☐ Other

Please direct all telephone calls and facsimiles to:

Name Anne J. Collins, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136

I am the:

☐ Applicant/Inventor.

☐ Authorized representative of the Assignee of the entire interest. See 37 C.F.R. 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.

☒ Authorized representative of an assignee together with Whitehead Institute for Biomedical Research of the entire interest. A separate Statement under 37 C.F.R. § 3.73(b) is enclosed.

**SIGNATURE of Applicant or Assignee of Record**

Name	Marie Lossky, Ph.D.	
Signature		
Date	July 10, 2002	
[ X ] Total of [ 2 ] forms are submitted.		

WHI01-02



STATEMENT UNDER 37 C.F.R. § 3.73(b)

RECEIVED

Applicant(s): Jonathan S. Bogan and Harvey F. Lodish

Application No.: 10/058,820

Filed: January 28, 2002

SEP 04 2002

For: Expression Cloning Method

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The General Hospital Corporation, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☐ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☒ an assignee together with Whitehead Institute for Biomedical Research of the entire right, title and interest in the patent application identified above. A separate Statement under 37 CFR § 3.73(b) is being submitted.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: July 19 2002

Name: Marie Lossky, Ph.D.

Title: Industry Agreement Manager

Signature: Marie Lossky

WHEREAS, I, **Jonathan S. Bogan**, together with co-inventor **Harvey F. Lodish**, have invented a certain improvement in **Expression Cloning Method**, described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on **January 28, 2002** as Application No. **10/058,820**;

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Whitehead Institute for Biomedical Research**, a corporation organized and existing under the laws of the **State of Delaware** and having a usual place of business at **Nine Cambridge Center, Cambridge, Massachusetts 02142** and **The General Hospital Corporation**, a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **55 Fruit Street, Boston, Massachusetts 02114** (hereinafter "ASSIGNEES"), desire to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEES, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEES for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEES's selection and the right to procure the grant of all such Letters Patent to ASSIGNEES for its own name as ASSIGNEES of the entire right, title and interest therein;

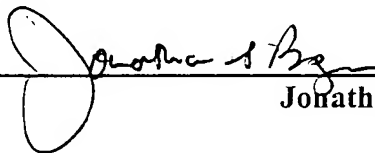
AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEES, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEES, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature: \_\_\_\_\_



Jonathan S. Bogan

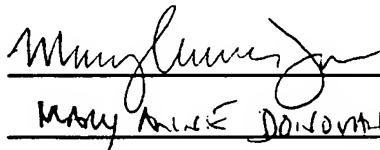
State/Commonwealth \_\_\_\_\_

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Jonathan S. Bogan** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 20th day of March, 2002.

(SEAL)



Notary Public

Mary Anne Donohue

(print name)

My Commission expires 5 / 30 / 2008



# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT AND CORRESPONDENCE ADDRESS

Application Number	10/058,820
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First Named Inventor	Jonathan S. Bogan
Group Art Unit	1636
Examiner Name	Not Assigned
Attorney Docket Number	0399.2025-002

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Concord, Massachusetts 01742-9133

☐ Other

Please direct all telephone calls and facsimiles to:

Name Anne J. Collins, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136

I am the:

☐ Applicant/Inventor.

☐ Authorized representative of the Assignee of the entire interest. See 37 C.F.R. 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.

☒ Authorized representative of an assignee together with The General Hospital Corporation of the entire interest. A separate Statement under 37 C.F.R. § 3.73(b) is enclosed.

### SIGNATURE of Applicant or Assignee of Record

Name	Patricia Granahan
Signature	Patricia Granahan
Date	July 18, 2002

☒ Total of [ 2 ] forms are submitted.

WHI01-02

STATEMENT UNDER 37 C.F.R. § 3.73(b)**RECEIVED**Applicant(s): Jonathan S. Bogan and Harvey F. LodishApplication No.: 10/058,820Filed: January 28, 2002**SEP 04 2002**For: Expression Cloning Method**TECH CENTER 1600/2900**Whitehead Institute for Biomedical Research, a

(Name of Assignee)

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☐ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☒ an assignee together with The General Hospital Corporation of the entire right, title and interest in the patent application identified above. A separate Statement under 37 CFR § 3.73(b) is being submitted.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
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Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: July 18, 2002Name: Patricia GranahanTitle: Patent CounselorSignature: Patricia Granahan

ASSIGNMENT**COPY** Multi-Sole

WHEREAS, I, **Harvey F. Lodish**, together with co-inventor **Jonathan S. Bogan**, have invented a certain improvement in **Expression Cloning Method**, described in an application for Letters Patent of the United States, the specification of which:

☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on **January 28, 2002** as Application No. **10/058,820**;

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Whitehead Institute for Biomedical Research** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware** and having a usual place of business at **Nine Cambridge Center, Cambridge, Massachusetts 02142** desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature: \_\_\_\_\_

Harvey F. Lodish

State/Commonwealth

of MASSACHUSETTS

County of MIDDLESEX

Then personally appeared before me the above-named **Harvey F. Lodish** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this NINETEENTH day of MARCH, 2002.

(SEAL)

Mary Anne Donovan

Notary Public

MARY ANNE DONOVAN

(print name)

My Commission expires 5 / 30 / 2008



ASSIGNMENT**COPY**

WHEREAS, I, **Jonathan S. Bogan**, together with co-inventor **Harvey F. Lodish**, have invented a certain improvement in **Expression Cloning Method**, described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
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- ☐ was patented under U.S. Patent No. ☐ on ☐.

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEES, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEES for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEES's selection and the right to procure the grant of all such Letters Patent to ASSIGNEES for its own name as ASSIGNEES of the entire right, title and interest therein;

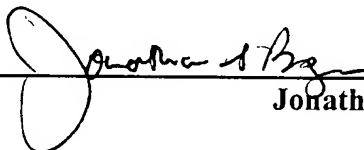
AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEES, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

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AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEES, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature: \_\_\_\_\_



Jonathan S. Bogan

State/Commonwealth \_\_\_\_\_

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Jonathan S. Bogan** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 20th day of March, 20 02.

(SEAL)



Notary Public

Mary Anne Dalton

(print name)

My Commission expires 5 / 30 / 2008